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PATENT
069092.0127

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Bhashyam Ramesh

§

Group Art Unit: 2171

§

Serial No.: **10/038,673**

§

Examiner:

§

Filing Date: **December 31, 2001**

§

Title: **"Optimizing an Equi-Join Operation
Using A Bitmap Index Structure"**

§

NCR Docket No.: 10238

§

Commissioner for Patents
Box Missing Parts
Washington, D.C. 20231

CERTIFICATE OF MAILING BY EXPRESS MAIL

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail in an envelope addressed to: Assistant Commissioner for Patents, Box Missing Parts, Washington, D.C. 20231 on March 7, 2002.

Debra Sprane

Signature

Express Mail Label: EV067266257US

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF
NONPROVISIONAL APPLICATION MAILED FEBRUARY 7, 2002**

Sir:

This replies to the Notice to File Missing Parts of Nonprovisional Application filed under 37 CFR 1.53(b) and mailed February 7, 2002 in connection with the above-identified Application.

Enclosed are the following items:

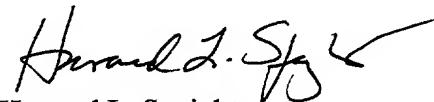
- A signed declaration of inventor Bhashyam Ramesh
- Copy of the Notice to File Missing Parts of Nonprovisional Application;

- X Six (6) sheets of substitute formal drawings of the application, pursuant to 37 C.F.R. 1.84(g), with identifying labels on the front of each page;
- X Request for Corrected Filing Receipt; and
- X Postcard for acknowledgment of receipt of documents.

Applicant respectfully states that the attached six (6) sheets of substitute formal drawings contain the same matter originally filed, and submit that **no new matter has been added** to this patent application. Applicant further states that each of the attached six (6) sheets of substitute formal drawings are now in compliance with the margin requirements, specifically, top and left margins of at least 2.5 cm (1 inch); right margin of at least 1.5 cm (5/8 inch); and bottom margin of at least 1.0 cm (3/8 inch). Applicant further requests that the Examiner kindly substitute the enclosed six (6) sheets of substitute formal drawings as replacements for the six (6) sheets of formal drawings originally submitted with the patent application.

This response is being filed within the two-month shortened statutory response time and is therefore considered timely filed. Applicant is aware that a fee of \$130.00 is required with this filing. The Commissioner is hereby authorized to charge this fee due in association with this filing to the account of NCR Corporation, Deposit Account No. 50-1673.

Respectfully submitted,



Howard L. Speight
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March 7, 2002



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/038,673	12/31/2001	Ramesh Bhashyam	10238

CONFIRMATION NO. 9052

FORMALITIES LETTER



OC00000007441374

John D. Cowart
Teradata Law IP, WHQ-4W
NCR Corporation
1700 S. Patterson Blvd.
Dayton, OH 45479-0001

RECEIVED
FEB 13 2002
LAW DEPARTMENT

Date Mailed: 02/07/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 130.**

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

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*A copy of this notice **MUST** be returned with the reply.*

Express Mail: EV067266257US

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY

2020-01-01